SIEMENS

Data sheet

US2:17EUE92BE12



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solidstate overload relay, OLR amp range 10-40A, Combination type, 60A fusible disconnect, 60A/250V fuse clip, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay; Half-size controller
General technical data	
weight [lb]	34 lb
Height x Width x Depth [in]	24 × 11 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
 during storage 	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
 during storage 	-30 +65 °C
during operation	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	10 hp
• at 220/230 V rated value	10 hp
• at 460/480 V rated value	0 hp
 at 575/600 V rated value 	0 hp
Contactor	
size of contactor	Controller half size 1 3/4
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	40 A
mechanical service life (switching cycles) of the main contacts typical	1000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	

• af AC at 50 Hz reted value 550 V • af AC at 50 Hz reted value 557 600 V • holding power at AC minimum 8.6 W apparent plack power of magnet coil at AC 25 VA operang plack plack power of magnet coil at AC 25 VA operang plack plack power of magnet coil at AC 25 VA operang plack plack power of magnet coil at AC 25 VA operang plack plack power of magnet coil related to the injunt vitage 0.85 1.1 overload protection Yes • phase plack plack power of magnet coil related to the injunt vitage 10 24 ms Overload protection Yes • phase place place coinco Yes • phase place place coinco Yes • external reset Yes • external reset Yes • reset function Yes • external reset Yes • reset function Yes • reteative repeat accuracy 1%		550.1/
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permissible material of the conductor for supply AL or CU		1x (14 2 AWG)
	1 11 5	75 °C
type of electrical connection for load-side outgoing feeder Screw-type terminals	material of the conductor for supply	AL or CU
	type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder 45 45 lbf·in	tightening torque [lbf·in] for load-side outgoing feeder	45 45 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	cables for load-side outgoing feeder single or multi- stranded	
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C

material of the conductor for load-side outgoing feeder	AL or CU		
type of electrical connection of magnet coil	Screw-type terminals		
tightening torque [lbf·in] at magnet coil	5 12 lbf·in		
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)		
temperature of the conductor at magnet coil maximum permissible	75 °C		
material of the conductor at magnet coil	CU		
type of electrical connection for auxiliary contacts	Screw-type terminals		
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in		
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)		
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C		
material of the conductor at contactor for auxiliary contacts	CU		
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals		
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in		
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 AWG)		
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C		
material of the conductor at overload relay for auxiliary contacts	CU		
Short-circuit current rating			
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)		
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14		
Further information			
Industrial Controls - Product Overview (Catalogs, Brochures,)			
www.usa.siemens.com/iccatalog			
Industry Mall (Online ordering system)			
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17EUE92BE12			
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92BE12			
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) <u>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17EUE92BE12⟨=en</u>			
Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92BE12/certificate			

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